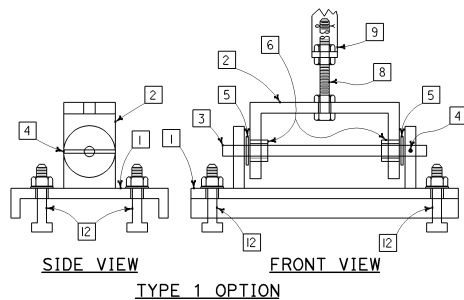


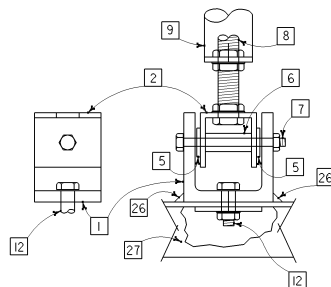
MOUNTING BRACKETS



SIDE VIEW

FRONT VIEW

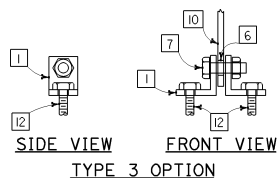
TYPE 1 OPTION



SIDE VIEW

FRONT VIEW

TYPE 2 OPTION

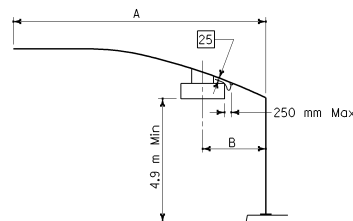


SIDE VIEW

FRONT VIEW

TYPE 3 OPTION

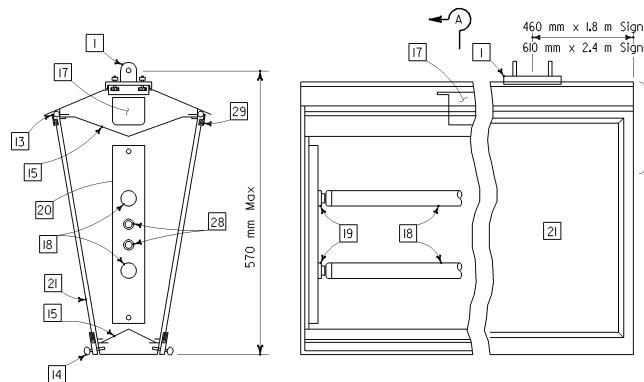
MOUNTING ASSEMBLY OPTIONS



SIGN PLACEMENT

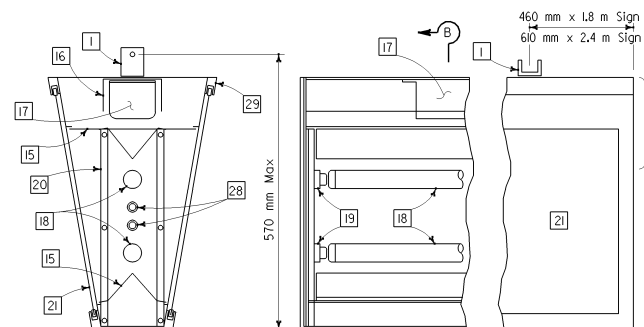
SIGN PLACEMENT

A	B
m	1.8-m sign 2.4-m sign
6.1	2.4 m 2.7 m
7.6	2.8 m 3.1 m
9.1	2.9 m 3.2 m
10.7	3.2 m 3.5 m
12.2	3.8 m 4.1 m
13.7	3.8 m 4.1 m
15.2	3.8 m 4.1 m
16.8	3.8 m 4.1 m
18.2	3.8 m 4.1 m
19.8	3.8 m 4.1 m



SECTION A-A

TYPE A SIGN



SECTION B-B

TYPE B SIGN

NOTES

- 1 Lower mounting assembly, with gasket.
- 2 Upper mounting assembly.
- 3 Rod, 13 mm ϕ , stainless steel.
- 4 Locking pin, steel.
- 5 Flat washer, stainless steel.
- 6 Bushing, bronze.
- 7 Bolt, 6 mm ϕ stainless steel, with self-locking nut.
- 8 Bolt, 13 mm ϕ stainless steel, with three nuts, and cotter key. Length as required for proper mounting of sign.
- 9 Bracket, 6 mm x 40 mm minimum, length variable.
- 10 Bracket, 2-piece adjustable, 6 mm x 40 mm minimum. Two 13 mm ϕ hexagon head bolts with nuts and lockwashers.
- 11 Clamp, 2-piece, shaped to fit mast arm. 6 mm x 40 mm minimum. Two 13 mm ϕ hexagon head bolts with nuts and lockwashers.
- 12 Mounting bolt, 6 mm ϕ minimum, with nut and lockwasher, or self-locking nut and cotter key.
- 13 Continuous hinge.
- 14 Thumb screw, 16 mm ϕ , minimum two per side on 1220 mm centers.
- 15 Reflector, 1 mm minimum thickness.
- 16 Aluminum stiffener.
- 17 Fluorescent ballast (2 required).
- 18 Lamp, F72T12CW for 1.8 m sign F96T12CW for 2.4 m sign
- 19 Lamp holder.
- 20 Lamp holder turret.
- 21 Sign panel, 380 mm minimum height. Message is shown elsewhere.
- 22 Cord, 16/3 type SJT. Continuous from sign terminal block to signal head mounting terminal compartment. Form a 300 mm drip loop between sign and mast arm.
- 23 Cord connector, 90° angle at sign. Locate in upper 1/3 of sign. Straight at mast arm. Drill and tap bottom of mast arm.
- 24 Adjust fixture level no lower than center of signal arm connection.
- 25 Approximate clearance, 25 mm.
- 26 6 mm Fillet weld, 32 mm long.
- 27 Sign frame.
- 28 Fuse holder and fuse.
- 29 Close cell neoprene gasket (continuous).



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

July 1, 2004

PLANS APPROVAL DATE

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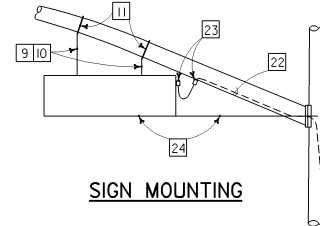
REGISTERED PROFESSIONAL ENGINEER

Tillot Satter

No. C42892

Exp. 03-31-2006

STATE OF CALIFORNIA



SIGN MOUNTING

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ELECTRICAL SYSTEMS
(INTERNALLY ILLUMINATED
STREET NAME SIGN)**

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

ES-70